

**Customer**

## Technical data

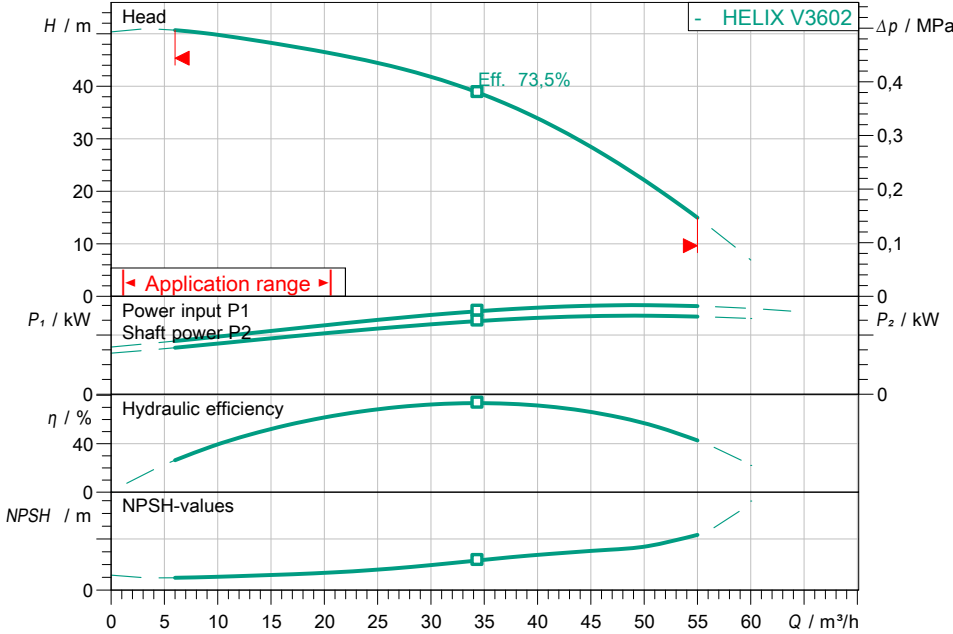
### High-pressure multistage centrifugal pump Helix FIRST V 3602-5/16/E/S/400-50

Project name Untitled project 2023

Project ID  
Installation location  
Customer pos.no

Date 15.06.2023

#### Duty chart



#### Requested data

Flow  
Head  
Media  
Fluid temperature 20,00 °C  
Density 998,30 kg/m³  
Kin. viscosity 1,00 mm²/s

#### Hydraulic data (Duty point)

Flow  
Head  
Shaft power P2  
Hydraulic efficiency  
NPSH

#### Product data

High-pressure multistage centrifugal pump  
Helix FIRST V 3602-5/16/E/S/400-50  
Max. operating pressure 1,6 MPa  
Inlet pressure max. 10 bar  
Fluid temperature -20 °C ... +120 °C  
Max. ambient temperature 50 °C  
Minimum efficiency index (MEI) ≥ 0.7

#### Motordata per Motor/Pump

Motor efficiency level IE3  
Mains connection 3~ 400 V / 50 Hz  
Permitted voltage tolerance +-10 %  
Max. speed 2900 1/min  
Rated power P2 5,50 kW  
Rated current 10,50 A  
Power factor 0,86  
Efficiency 50% / 75% / 100% 87,1/89/89,2%  
Degree of protection IP55  
Insulation class F  
Motor protection no

#### Fitting dimensions

Pipe connection on the suction side DN 65, PN 16  
Pipe connection on the pressure side DN 65, PN 16

#### Materials

Pump housing 5.1301/EN-GJL-250  
Impeller 1.4307  
Shaft 1.4057  
Shaft seal BQ7EGG  
Gasket material EPDM

#### Information for order placements

Weight approx. 79 kg  
Item number 4183387

ISO 9906: 2012 3B

#### Dimensions

H 822  
H2 486  
ØM 210  
X 149

mm

